

Course Unit Descriptor

Study Programme: ORGANIC AGRICULTURE			
Course Unit Title: ANIMAL NUTRITION			
Course Unit Code: 19.ORG018			
Name of Lecturer(s): Ass. Prof. Dejan Beuković, PhD			
Type and Level of Studies: UNDERGRADUATE ACADEMIC STUDIES			
Course Status (compulsory/elective): Mandatory			
Semester (winter/summer): winter			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): face to face			
Number of ECTS Allocated: 5			
Prerequisites: -			
Course Aims: Acquisition of theoretical and practical knowledge in the field of animal nutrition, with emphasis on the specifics of nutrition in organic production and with the aim of practical application.			
Learning Outcomes: The student's ability to practically apply the acquired knowledge in animal nutrition after graduation. Ability to use and analyze professional literature, collect and interpret relevant data for the purpose of making judgments, devising and defending arguments, solving problems in animal nutrition. Ability to transfer information, ideas, problems and solutions.			
Syllabus: <i>Theory</i> Nutrients, digestion and metabolism. Specifics of digestion in ruminants and non-ruminants. Nutrient nutrients for ruminants. Calculating the monetary value of nutrients. Cow diet. Metabolic diseases of cows. Nutrition of calves and breeding heifers. Feeding fattening cattle. Sheep nutrition. Goat nutrition. Nutrients for non-ruminant nutrition. Nutrition of breeding pigs. Feeding piglets and pigs in fattening. Poultry nutrition. Legislation of importance for animal nutrition in organic agriculture. <i>Practice</i> Sampling and evaluation of nutrient quality. Compilation of meals and mixtures for different species and categories of domestic animals. Field exercises.			
Required Reading:			
Weekly Contact Hours:	Lectures: 2	Practical work: 2	
Teaching Methods: Lectures and Practical classes, Consultations if needed.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	-	written exam	20
Practical work	-	oral exam	40
Preliminary exam(s)	40	
Seminar(s)	-		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			